

Sneha Ramesh Watharkar

9531 University Terrace Drive Apt H, Charlotte NC 28262 | 704-906-5579 | snehamaven@gmail.com | [linkedin.com/in/sneha-watharkar-29a936ab/](https://www.linkedin.com/in/sneha-watharkar-29a936ab/) | github.com/Sneha-Watharkar | bitbucket.org/swathark | <https://sneha-watharkar.github.io/>

Summary

A self-motivated, result oriented and performance driven software professional with 4+ years of industry experience. Actively seeking Full time opportunities as a Software Engineer.

Education

Master of Science in Computer Science

University of North Carolina, Charlotte, NC USA

December 2018

GPA: 3.8

Bachelor of Engineering in Computer Science

B.V.B College of Engineering & Technology, Hubli, Karnataka, India

June 2012

GPA: 8.75

Technical Skills

Languages: Java, Python, JavaScript, SQL **Big Data and Cloud:** Hadoop, AWS.

Web: HTML, CSS, AngularJS (2), Bootstrap, AJAX, JSON, jQuery, REST services, Spring MVC, Hibernate, Node.js

Database: MySQL, MongoDB. **Tools:** Git, Eclipse, NetBeans, Jira, Bitbucket, Maven, Confluence.

Operating Systems: Windows, Linux. **Web Servers:** Apache Tomcat, Apache HTTP, JBoss Wildfly.

Work Experience

Graduate Software Engineer

UNC Charlotte

Mar 2018 – Dec 2018

- Worked as a Java developer in developing and maintaining open source software application named *Integrated Genome Browser* and *Bioviz* site.

Senior Software Engineer

Sears Holdings Corp. India

Aug 2016 – Jul 2017

- Developed in-house system monitoring tool to analyze the Sears website performance using Angular2 component/service architecture.
- Involved in development of the following projects. Intelligent Reverse Proxy (IRP): A front facing layer for all the requests that hits Sears and its subsidiary sites. Ghost: An admin console to control IRP.
- Worked on Proof of Concepts on different web frameworks like ionic, progressive web apps and Accelerated Mobile Pages.

Software Engineer

Practo Technologies Ltd. India

Jun 2015 – Aug 2016

- Responsible for end to end development of functional modules for Practo Web application using cutting edge technologies like AngularJS and involved in revamping user interface of the application using Semantic UI framework. Converting wireframes into working interactive modules. Attained Expertise in Chrome Developer Tools.
- Involved in production bug fixing, manual testing, peer code reviewing processes. Worked in Agile/Scrum environment.

Software Engineer

Bharat Electronics Limited India

Nov 2012 – Jun 2015

- Developed functional modules for a Software Application used in Indian Army. Application involved consuming GIS services from ESRI company.
- Responsible for end to end development of functional module included coding User Interface, REST web services, business logic and CRUD operations on the data. Developed java test cases using Mockito and jMock.

Key Academic Projects

Big Data Analysis and Visualization on NYC Parking Tickets

Jan 2018 – May 2018

- Project involved data cleaning, preprocessing and visualizing the dataset using tools like XLMiner, SAS.
- Modelling techniques like clustering, association, classification is applied.
- Generated a detailed report on the insights of dataset. Dataset used: NYC Parking Tickets from Kaggle Dataset.

Branch Predictor using Neural Networks

Jan 2017 – May 2017

- Designed and developed a neural network model with one hidden layer to optimize branch prediction.
- Compared the developed model with an existing perceptron-based branch predictor.
- Generated a detailed analysis report along with visualizations. Used Python to develop the model.

Software/Mobile Applications

Aug 2017 – Dec 2017

- Developed a Software application to locate food trucks on campus. Application was built using Angular JS, Java servlets and Microsoft Azure DB.
- Developed Android mobile applications called Trip Planner, Trivia Quiz, Music Search Application.
- Firebase was used to store data. Google authentication was used.